

PRODUCT INFORMATION

BTC Target

Synonyms Betacellulin

Recombinant Human BTC Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P35070 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

BTC(Asp32-Tyr111) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

35.1 kDa after removal of the signal peptide. The apparent molecular mass of BTC-hFc is **Molecular Weight**

approximately 35-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the epidermal growth factor (EGF) family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is

proteolytically processed to generate the secreted growth factor. A secreted form and a membrane-anchored form of this protein bind to multiple different EGF receptors. This protein

promotes pancreatic cell proliferation and insulin secretion, as well as retinal vascular permeability. Mutations in this gene may be associated with type 2 diabetes in human patients. [provided by

RefSeq, Nov 2015]

Usage Research use only

Conjugate Unconjugated

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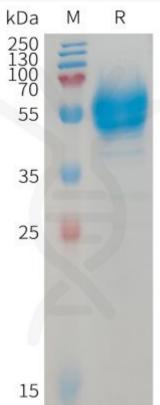


Figure 1.Human BTC Protein, hFc Tag on SDS-PAGE under reducing condition.

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